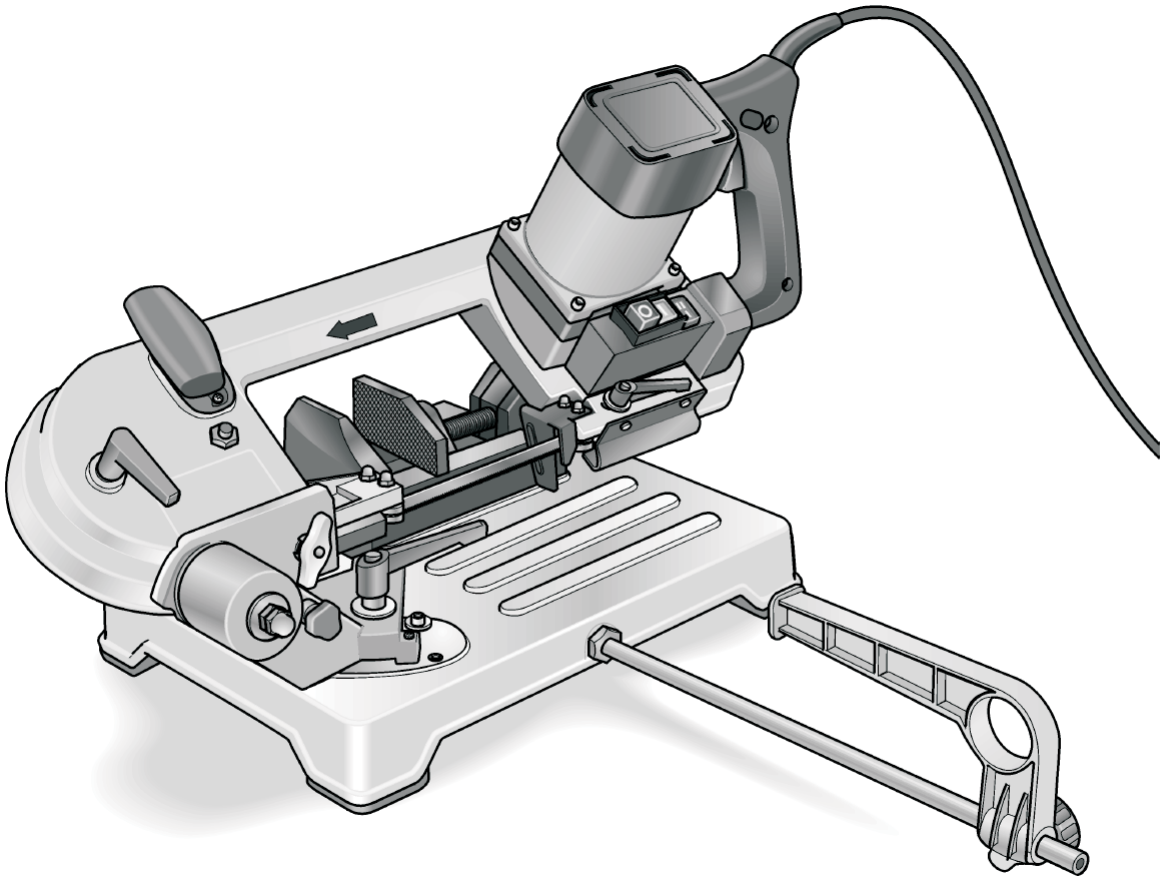
STEEL CITY®

User Manual

Read and understand this manual before using machine.

METAL BAND SAW



C US

Model Number 50000

STEEL CITY TOOL WORKS

VER. 12.10

Manual Part No. SC76056

THANK YOU for purchasing your new Steel City bandsaw. This bandsaw has been designed, tested, and inspected with you, the customer, in mind. When properly assembled, used and maintained, your bandsaw will provide you with years of trouble free service, which is why it is backed by one of the longest machinery warranties in the business.

This bandsaw is just one of many products in the Steel City's family of metal working machinery and is proof of our commitment to total customer satisfaction.

At Steel City we continue to strive for excellence each and every day and value the opinion of you, our customer. For comments about your bandsaw or Steel City Tool Works, please visit our web site at **www.steelcitytoolworks.com.**

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INTRODUCTION

INTRODUCTION

This user manual is intended for use by anyone working with this machine. It should be kept available for immediate reference so that all operations can be performed with maximum efficiency and safety. Do not attempt to perform maintenance or operate this machine until you have read and understand the information contained in this manual.

The drawings, illustrations, photographs, and specifications in this user manual represent your machine at time of print. However, changes may be made to your machine or this manual at any time with no obligation to Steel City Tool Works

WARRANTY

STEEL CITY TOOL WORKS
5 YEAR LIMITED WARRANTY

Steel City Tool Works, LLC ("SCTW") warrants all "STEEL CITY TOOL WORKS" machinery to be free of defects in workmanship and materials for a period of 5 years from the date of the original retail purchase by the original owner. (Granite components are warranted for 10 years. Please inform SCTW within 30 days for any damages or defects on the Granite components found upon receipt of the products to qualify for the 10 year limited warranty. See the Granite warranty statement supplied with those products.) SCTW will repair or replace, at its expense and at its option, any SCTW machine, machine part, or machine accessory which in normal use has proven to be defective, provided that the customer returns the product, shipping prepaid, to an authorized service center with proof of purchase and provides SCTW with a reasonable opportunity to verify the alleged defect by inspection. Date code, which can be found on the original carton and machine body, must be provided to SCTW at the time of any warranty request made. This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, or lack of maintenance, or to unauthorized repairs or alterations made or specifically authorized by anyone other than SCTW. Normal wear components are also excluded under this coverage. Every effort has been made to ensure that all SCTW machinery meets the highest quality and durability standards. We reserve the right to change specifications at any time due to our commitment to continuous improvement of the quality of our products.

EXCEPT AS SET FORTH ABOVE, SCTW MAKES NO EXPRESS OR IMPLIED REPRESENTATIONS OR WARRANTIES WITH RESPECT TO ITS MACHINERY, OR ITS CONDITION, MERCHANTABILITY, OR FITNESS FOR ANY PARTICULAR PURPOSE OR USE. SCTW FURNISHES THE ABOVE WARRANTIES IN LIEU OF ALL OTHER WARRANTIES , EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY SPECIFICALLY DISCLAIMED.

SCTW SHALL NOT BE LIABLE FOR ANY (A) SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION LOSS OF PROFITS, ARISING FROM OR RELATED TO THIS WARRANTY, THE BREACH OF ANY AGREEMENT OR WARRANTY, OR THE OPERATION OR USE OF ITS MACHINERY , INCLUDING WITHOUT LIMITATION DAMAGES ARISING FROM DAMAGE TO FIXTURES , TOOLS , EQUIPMENT , PARTS OR MATERIALS, DIRECT OR INDIRECT LOSS CAUSED BY ANY OTHER PARTY, LOSS OF REVENUE OR PROFITS, FINANCING OR INTEREST CHARGES , AND CLAIMS BY ANY THIRD PERSON, WHETHER OR NOT NOTICE OF SUCH POSSIBLE DAMAGES HAS BEEN GIVEN TO SCTW ; (B) DAMAGES OF ANY KIND FOR ANY DELAY BY OR FAILURE OF SCTW TO PERFORM ITS OBLIGATIONS UNDER THIS AGREEMENT ; OR (C) CLAIMS MADE A SUBJECT OF A LEGAL PROCEEDING AGAINST SCTW MORE THAN ONE (1) YEAR AFTER SUCH CAUSE OF ACTION FIRST AROSE.

The validity, construction and performance of this Warranty and any sale of machinery by SCTW shall be governed by the laws of the Commonwealth of Pennsylvania, without regard to conflicts of laws provisions of any jurisdiction. Any action related in any way to any alleged or actual offer, acceptance or sale by SCTW, or any claim related to the performance of any agreement including without limitation this Warranty, shall take place in the federal or state courts in Allegheny County, Pennsylvania.

STEEL CITY TOOL WORKS

Tech Service
1-877-724-8665
Please have your Model No. and Serial No. available

WARRANTY CARD

Name _____
Street _____
Apt. No. _____
City_____ State_____ Zip_____
Phone Number_____
E-Mail_____

Product Description:_____
Model No.: _____
Serial No. _____

The following information is given on a voluntary basis and is strictly confidential.

1. Where did you purchase your STEEL CITY machine?
   Store: _____
   City:_____

2. How did you first learn of Steel City Tool Works?
   ___ Advertisement ___ Mail Order Catalog
   ___ Web Site ___ Friend
   ___ Local Store Other_____

3. Which of the following magazines do you subscribe to?
   ___ American Woodworker ___ American How-To
   ___ Cabinetmaker ___ Family Handyman
   ___ Fine Homebuilding ___ Fine Woodworking
   ___ Journal of Light Construction ___ Old House Journal
   ___ Popular Mechanics ___ Popular Science
   ___ Popular Woodworking ___ Today's Homeowner
   ___ WOOD ___ Woodcraft
   ___ WOODEN Boat ___ Woodshop News
   ___ Woodsmith ___ Woodwork
   ___ Woodworker ___ Woodworker's Journal
   ___ Workbench Other_____

4. Which of the following woodworking / remodeling shows do you watch?
   ___ Backyard America ___ The American Woodworker
   ___ Home Time ___ The New Yankee Workshop
   ___ This Old House ___ Woodwright's Shop
   Other_____

5. What is your annual household income?
   ___ $20,000 to $29,999 ___ $30,000 to $39,999
   ___ $40,000 to $49,999 ___ $50,000 to $59,999
   ___ $60,000 to $69,999 ___ 70,000 to $79,999
   ___ $80,000 to $89,999 ___ $90,000 +

6. What is your age group?
   ___ 20 to 29 years ___ 30 to 39 years
   ___ 40 to 49 years ___ 50 to 59 years
   ___ 60 to 69 years ___ 70 + years

7. How long have you been a woodworker?
   ___ 0 to 2 years ___ 2 to 8 years
   ___ 8 to 20 years ___ over 20 years

8. How would you rank your woodworking skills?
   ___ Simple ___ Intermediate
   ___ Advance ___ Master Craftsman

9. How many Steel City machines do you own? _____

10. What stationary woodworking tools do you own?
    Check all that apply.
    ___ Air Compressor ___ Band Saw
    ___ Drill Press ___ Drum Sander
    ___ Dust Collection ___ Horizontal Boring Machine
    ___ Jointer ___ Lathe
    ___ Mortiser ___ Panel Saw
    ___ Planer ___ Power Feeder
    ___ Radial Arm Saw ___ Shaper
    ___ Spindle Sander ___ Table Saw
    ___ Vacuum Veneer Press ___ Wide Belt Sander
    Other_____

11. Which benchtop tools do you own? *Check all that apply.*
    ___ Belt Sander ___ Belt / Disc Sander
    ___ Drill Press ___ Band Saw
    ___ Grinder ___ Mini Jointer
    ___ Mini Lathe ___ Scroll Saw
    ___ Spindle / Belt Sander Other_____

12. Which portable / hand held power tools do you own?
    Check all that apply.
    ___ Belt Sander ___ Biscuit Jointer
    ___ Dust Collector ___ Circular Saw
    ___ Detail Sander ___ Drill / Driver
    ___ Miter Saw ___ Orbital Sander
    ___ Palm Sander ___ Portable Thickness Planer
    ___ Saber Saw ___ Reciprocating Saw
    ___ Router Other_____

13. What machines / accessories would you like to see added to the STEEL CITY line?
    _____
    _____

14. What new accessories would you like to see added?
    _____
    _____

15. Do you think your purchase represents good value?
    ___Yes ___ No

16. Would you recommend STEEL CITY products to a friend?
    ___ Yes ___ No

17. Comments:
    _____
    _____
    _____
    _____
    _____

CUT HERE

FOLD ON DOTTED LINE

PLACE
STAMP
HERE

Steel City Tool Works
3656 Enterprise Avenue
Hayward, CA 94545

FOLD ON DOTTED LINE

General Safety

Symbols used in this manual

⚠ Danger!

Denotes impending danger. Non-observance of this warning may result in death or extremely severe injuries.

⚠ Caution!

Denotes a possibly dangerous situation. Non-observance of this warning may result in slight injury or damage to property.

Note: Denotes application tips and important information.

Symbols on the power tool

Before switching on the power tool, read the operating

Disposal information for the old machine!

For your safety

⚠ Danger!

Before using the metal band saw, please read and follow:
- there operating instructions,
- the currently valid site rules and the regulations for the prevention of accidents.

This metal band saw is state of the art and has been constructed in accordance with the acknowledged safety regulations.
Nevertheless, when in use, the power tool may be a danger to life and limp of the user or a third party, or the power tool or other property may be damaged. The metal band saw may be operated only if it is.

- used as intended,
- in perfect working order.

Faults which impair safety must be repaired immediately.

Intended use

This metal band saw is designed
- for commercial use in industry and trade,
- for dry, straight cutting of all metals, except stainless hardened steel, with the material clamped in position,
- not designed for cutting wood, bones or similar materials
- for use with saw bands and accessories which are indicated in this manual or recommended by the manufacturer.

Safety instructions

⚠ Danger!

- Keep children away from the power tool.
- If the power cord is damaged while the power tool is being used, do not touch the power cord. Immediately pull out the mains plug. Never use a power tool which has a defective power cord.
- Repairs such as replacing a damaged cord, may be carried out by an authorised customer service center only.
- Before performing any work on the power tool, pull out the mains plug.
- Always lay the power cord to the rear away from the machine and keep away from the work area.
- When using the power tool, wear protective equipment: closing-fitting clothing, goggles, ear protection, protective gloves. If required, also wear a hair net.
- Never cut a workpiece held in your hand. Always clamp the workpiece securely in the vice.
- Remove cut-off and scarfs from the work area. The machine must be switched off!
- Before use, check machine and saw band for damage.
- Use sharp, faultless saw bands only. Immediately replace blunt or defective saw bands.
- Keep hands away from the work area while the machine is running.
- Switch on saw band before guiding towards the workpiece.
- If the saw band is blocked, switch off the machine immediately. Wait until the power tool comes to a standstill before pulling it out of the workpiece.
- Do not load the power tool to such an extent that is stops.
- If power tools are used outdoors, connect via a residual-current-operated circuit-Bracker (tripping current max. 30mA).

⚠ Damage to property!

- The mains voltage and the voltage specifications on the rating plate (5) must correspond.
- Do not lubricants or coolants.

General Working Stand Safety Warnings

⚠ Warning

Read all safety warnings and all instructions provided with the working stand and the power toll to be mounted. Failure to follow the warnings and instructions may results in electric shock, fire and/or serious injury.

- Save all warnings and instructions for future reference.
- Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments or changing accessories. Accidental starting of the power tool is a cause of some accidents.
- Properly assemble the working stand before mounting the tool. Proper assembly is important to prevent risk of collapse.
- Securely fasten the power tool to the working stand before use. Power tool shifting on the working stand can cause loss of control.
- Place the working stand on a solid, flat and level surface. When the working stand can shift or rock, the power tool or workpiece cannot be steadily and safely controlled.
- Do not overload the working stand or use as ladder or scaffolding. Overloading or standing on the working stand causes the stand to be "top-heavy" and likely to tip over.
- Do not install or use an other power tool to the working stand.

Noise and Vibration

- The noise and vibration values have been determined in accordance with EN 60745. The A evaluated noise level of the power tol is typically (at no load):
- Sound pressure level: 82 dB(A);
- Sound power level: 93 dB(A);
- Uncertainty: K=3dB.

Total vibration value when sawing steel tube:
-Emission value: ah=2.3m/s
-Uncertainty: K=1.5m/s2

⚠ Attention

The indicated measurements refer to new power tools. Daily use causes the noise and vibration values to change.

Notes

The vibration emission level given in this information sheet has been measured in accordance with a standardised test given in EN 60745 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure. The declared vibration emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period. An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.

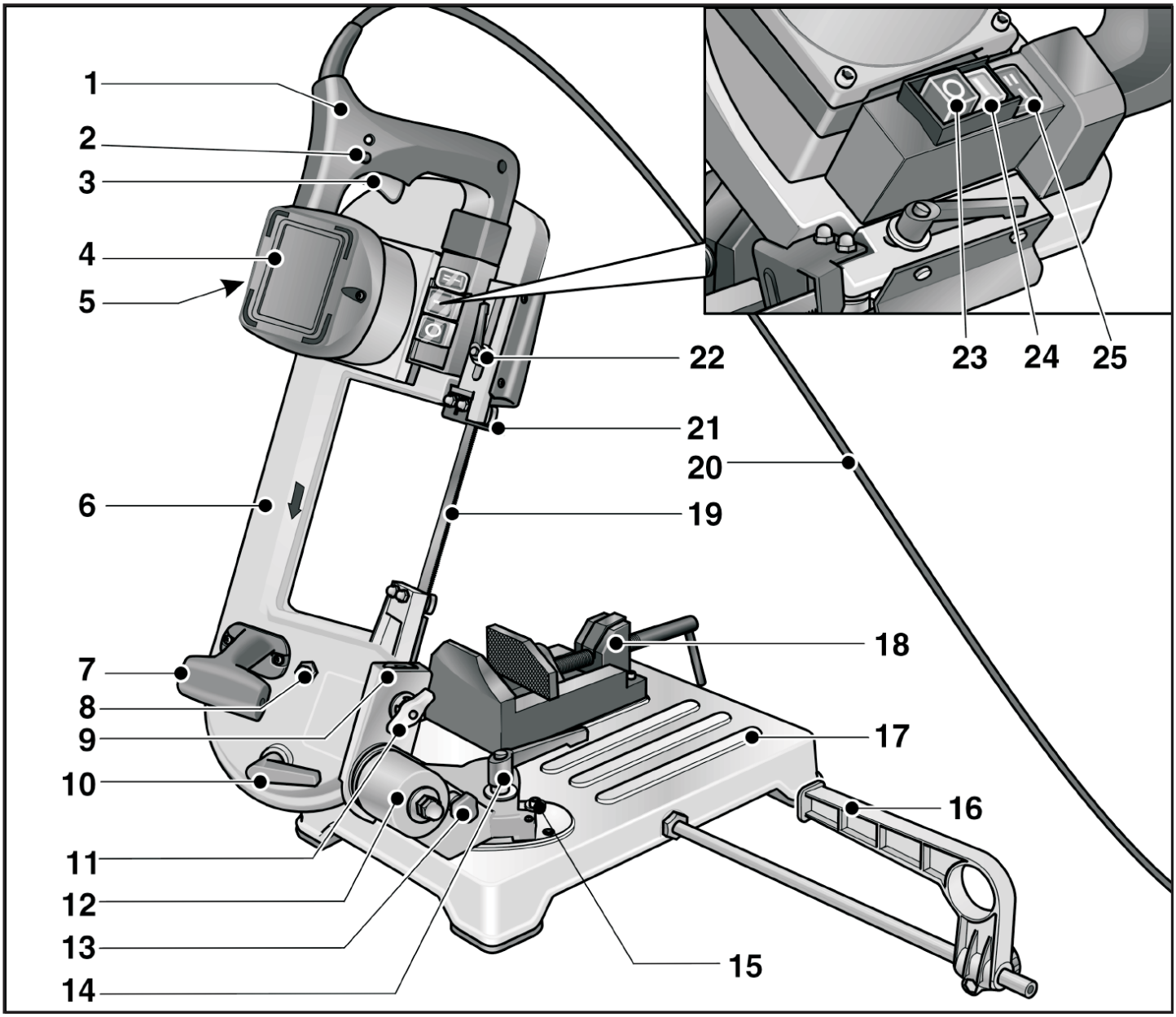
⚠Caution

Wear ear protection at a sound pressure above 85 dB(A).

Technical specification

Saw band	Bi-metal
Band length	52 1/2"
Band width	0.51"
Band thickness	0.025"
Toothing	
Standard	8/12
Optional	6
Cutting rate	197 feet/min-263 feet/min
Nominal voltage	120V/60Hz
Power	1/2 HP
Current	6A
Dimensions	26"x12"x15"
Weight	
Saw with machine table	39Lbs. 11oz
Saw without machine table	17Lbs. 6 oz

Feature Identification



1. Handle
2. Locking button
3. Switch
4. Motor
5. Rating plate
6. Saw frame
7. Carrying handle
8. Screw for adjusting the saw band
9. Dovetail guide
10. Tension level(saw band tension)
11. Wing nut
12. Swivel support
13. Locking pin for saw frame
14. Clamping lever (swivel support)
15. End stops for swivel support
16. Parallel stop
17. Machine table
18. Machine vice
19. Saw band
20. Power cord
21. Saw band guide, adjustable
22. Clamping lever (saw band guide)
23. Main switch "Off/0"
24. Main Switch "On/I"
25. Selector switch for cutting speed

OPERATING INSTRUCTIONS

⚠ Danger!

Before adjusting the power tool, always press the main switch **Off/O.**

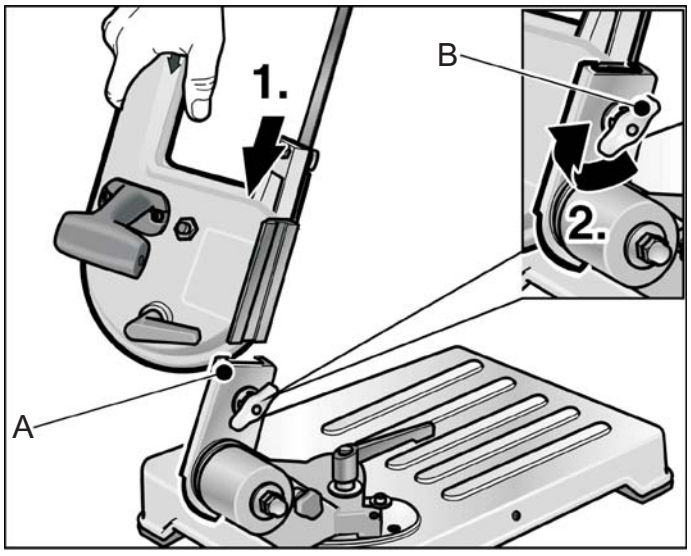
Before switching on the power tool

Unpack the metal band saw and check that no parts are missing or damaged.

Compare the mains voltage with the specifications on the rating plate.
Assembling the metal band saw:

1. Place dovetail guide (A) in the uppermost position.
2. Insert saw into the dovetail guide.
3. Tighten wing nut (B) to secure the saw.
4. Fold saw down. **SEE FIG.1**

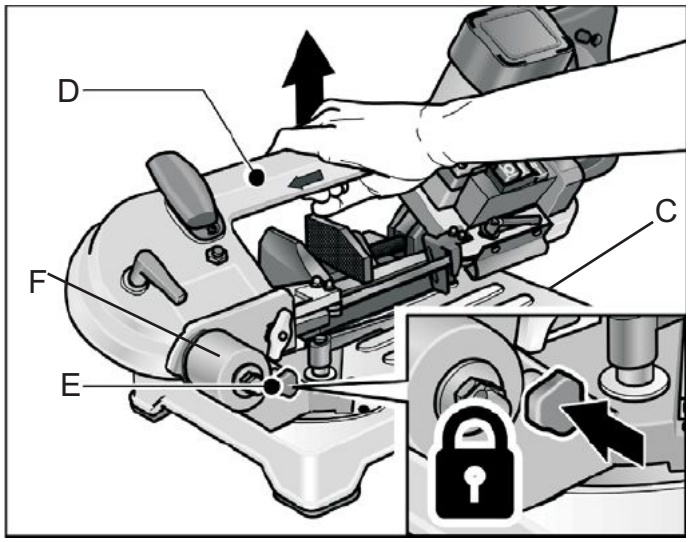
Fig.1



Transport and installation

1. Lift the machine onto the machine table (C). **SEE FIG.2**

Fig.2



2. Insert looking pin (E) into the opening on the swivel support (F) and raise the Power Tool on the saw frame (D).

⚠ Caution!

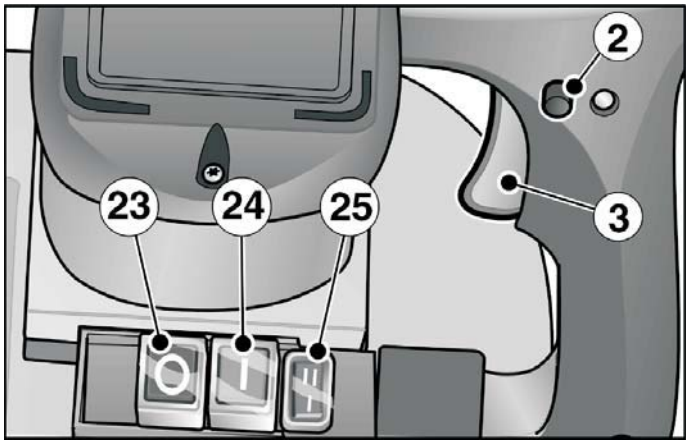
When selecting the installation location, ensure that the installation surface is adequately stable and that there is sufficient light.

Note: The ergonomically optimum working height is 35”-37”

Switch on and off

1. Press main switch On/I

Fig.3



Brief operation without engaged switch rocker:

2. Press and hold down the switch(3)
3. To switch off, release the switch (3).

Continuous operation with engaged switch rocker:

4. Press and hold down the switch(3)
5. To lock into position, hold down the locking button(2) and release the switch.
6. To switch off, briefly press and release The switch(3)

Switch Off:

7. Press main switch Off/0

Note: Following a power failure, the switched on power tool does not restart.

Adjusting the cutting rate:

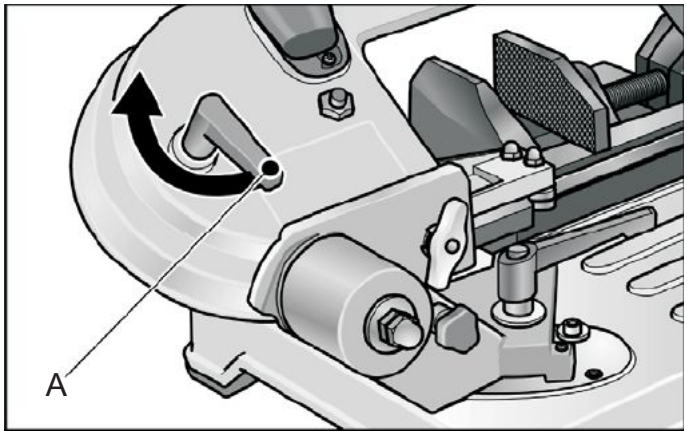
Set the required cutting rate with the switch:

I=197 feet/min

II=263 feet/min

Tensioning the saw band

Fig.4



Swivel tension lever (A):

- Anti-clockwise: Tension saw band;
- Clockwise: Release saw band tension;

⚠ Caution

If the tension is too high, the saw band has a tendency to run out of the guides

Adjusting the saw band guide

⚠ Danger!

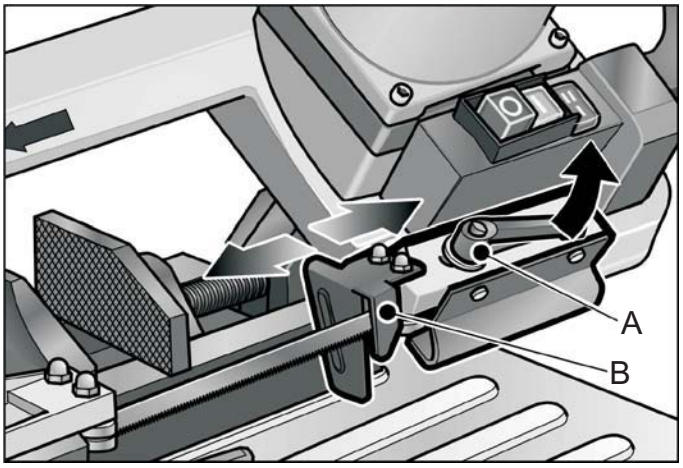
Before adjusting the power tool, always press the main switch Off/0.

⚠ Caution

Adjust the saw band guide according to the dimensions of the workpiece which is to be cut. This provides:

- An increased protective effect,
- The saw band with protection from overloading;
- An improved cutting quality;

Fig.5



1. Loosen the clamping level(A)and feed the saw band guide (B)as far as possible along the workpiece.
2. Tighten the clamping lever(A); **SEE FIG.5**

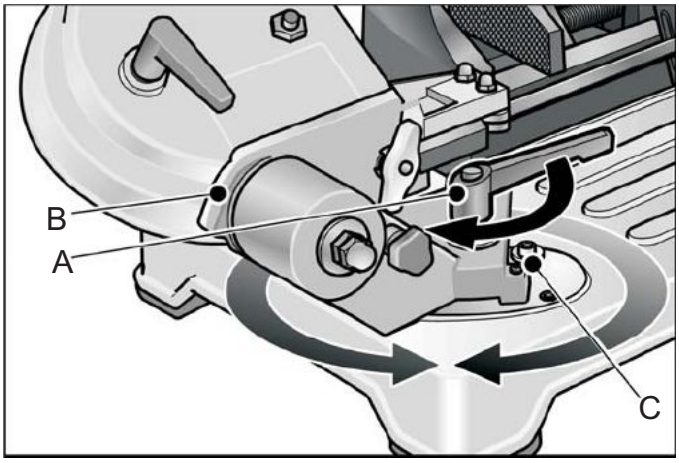
Changing the cutting angle

⚠ Danger!

Before adjusting the power tool, always press the main switch **Off/0.**

The cutting angle can be adjusted steplessly from 0 to 45 (end stop) without interuption.

Fig.6



1. Loosen the clamping lever(A) and set the swivel support (B) to the required cutting angle. Use the scaling on the machine tables as an adjustment aid.
2. Re-tighten the clamping lever. **SEE FIG.6**

Changing the saw band

⚠ Danger!

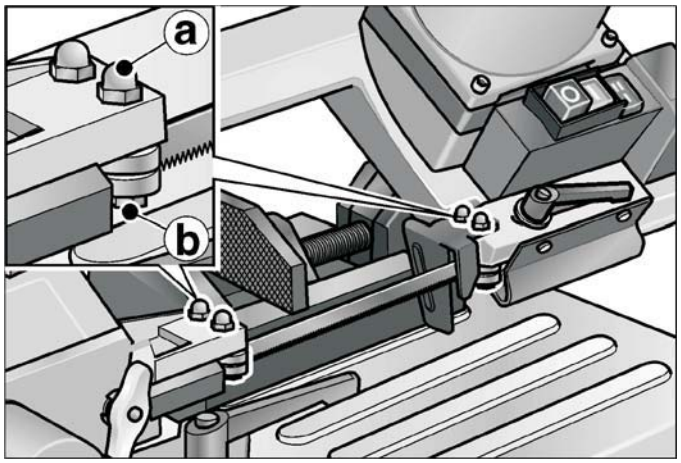
Before adjusting the power tool, always press the main switch **Off/0 and** pull out the mains plug.

⚠ Caution!

Risk of injury! Wear protective gloves!

1. Press the main switch Off/0 and pull out the mains plug.
2. Loosen the clamping lever(A, in Fig.5) and push back the saw band guide (B, in Fig.5) as far as the stop.
3. After loosening the 4 screws, remove the protective housing from the saw frame.
4. Release saw belt tension by swivelling the tension lever clockwise. **SEE FIG.7**

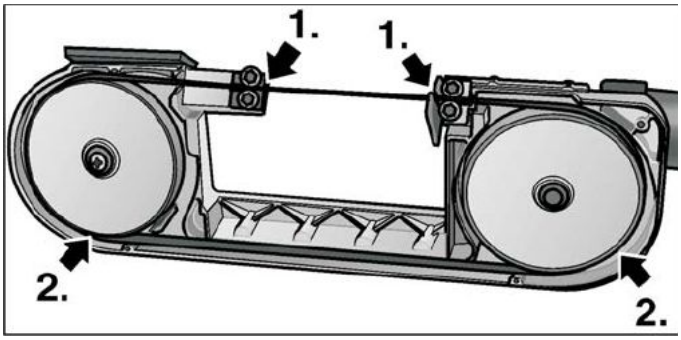
Fig.7



5. Slacken the hex-head nut (a) on both outer saw band guides.
6. Rotate screw (b) slightly in an anti-clockwise direction until the saw band is released.
7. First take the saw band off the guide rollers and then out of the guides.

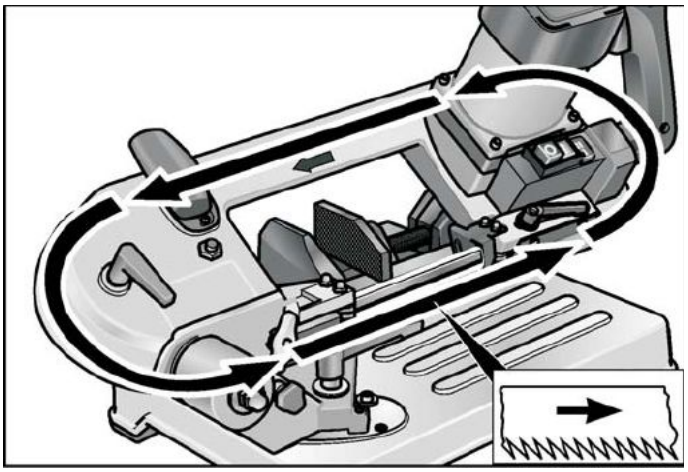
8. Insert the new saw band into the guides, then onto the guide rollers. **SEE FIG.8**

Fig.8



9. Tension saw band.
10. Align the saw band guide by rotating the screw slightly in a **b** clockwise direction until the guide just touches the saw band. **SEE FIG.9**

Fig.9



Note: the saw band guides must be adjusted until they lightly tough the saw band and rotate as the saw band passes through them! They must mot be blocked!

11. Tighten the hex-head nuts **a** and attach the protective housing.
12. Move the saw band guide into the operating position and tighten the clamping lever.

Running in the saw band

Note: To ensure an optimum cutting result, each new saw band must be run in.

1. Clamp a ¢1.5”-2.0” round steel in the vice.
2. Make three cuts into solid material. See section " Sawing with machine table". Start by applying very little pressure on the handle for the first cut, increase the pressure slightly for the subsequent cuts. For the last cut the cutting time should not be less than 4 minutes!

A correctly run-in saw band produces a higher cutting quality and has a longer service life.

Sawing

⚠ Caution!

Before use, always check the machine and saw band for damage.

Note: Excessive feed will reduce the capacity of the machine, impair the cutting quality and reduce the service life of the saw band.

Sawing with machine table

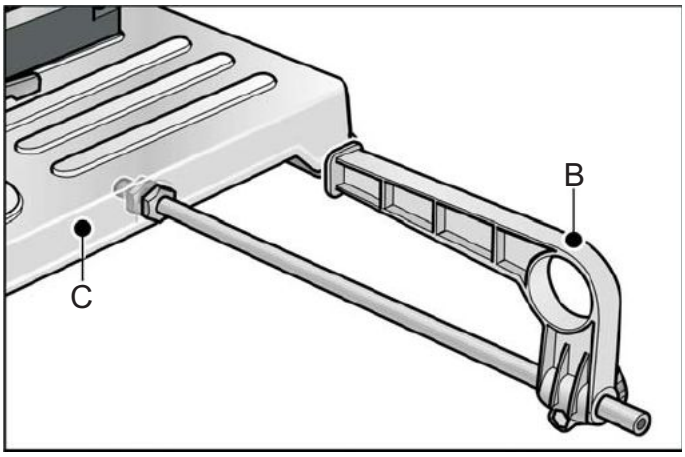
1. Clamp the workpiece firmly in the vice.
2. Adjust the saw band guide according to the workpiece dimensions.
3. Switch on the device.

⚠ Caution!

Risk of injury! Always keep your left hand on the outside of the cutting area.

4. Take hold of the handle with you right hand and press the switch. Slowly feed the saw frame along the material.
5. After making the first cut, increase the pressure. Apply uniform feed through the Material.
6. After cutting the material, release the switch and move the handle to its original Position.
7. If required, attache parallel stop(A). When not in use, fix in the holder under the machine table(B) **SEE FIG.10**

Fig.10



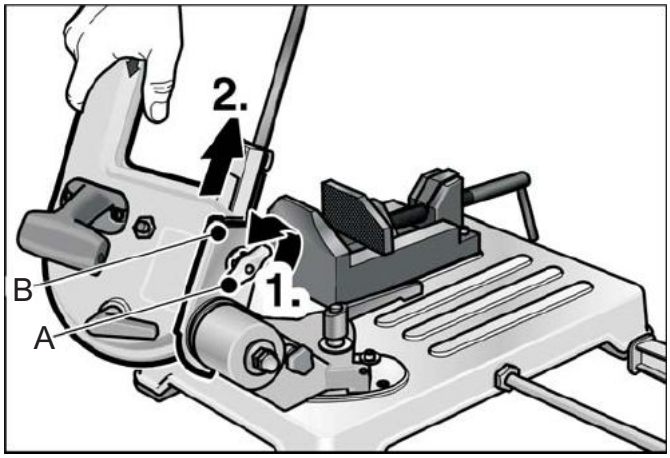
Free-hand sawing

The saw can be removed from the machine table. This allows free-hand sawing as required (e.g. Permanently installed workpiece).

⚠ Caution!

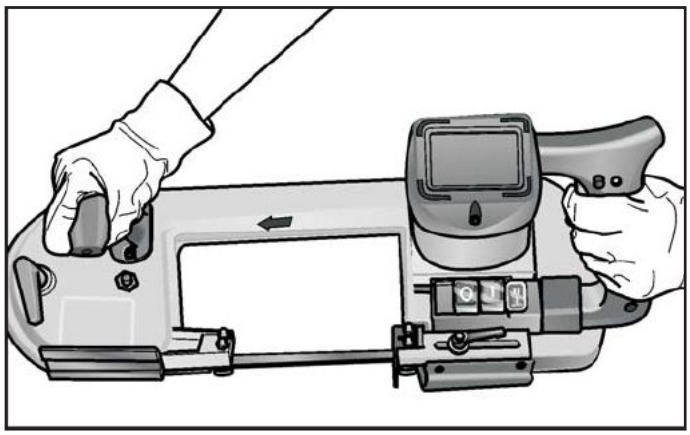
- Before use, always check the machine and saw band for damage.
- When sawing, always place the saw band guide on the workpiece.
- Switch on saw band before guiding towards the workpiece. Never switch on the power tool with the saw band on the workpiece!

Fig.11



1. Loosen wing nut (A) and pull saw out of the dovetail guide (B). **SEE FIG.11**
2. Switch on the device.
3. When sawing, always hold the saw with both hands. **SEE FIG.12**
4. Place saw band guide on the material.
5. Press the switch. Slowly feed the saw band along the material.
6. After making the first cut, increase the pressure. Apply uniform feed through the material.
7. After cutting, release the switch.
8. After working, re-attach the saw to the machine table.

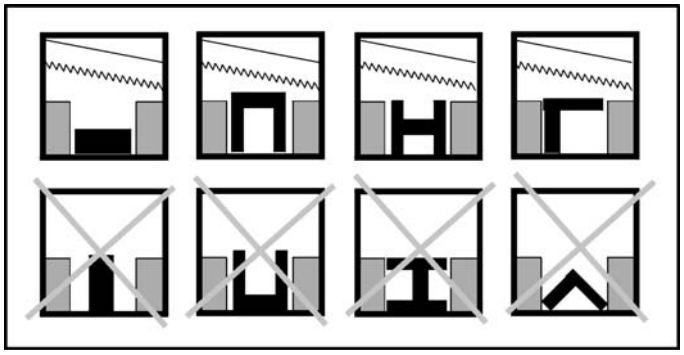
Fig.12



Cutting area

Workpiece profile	Cutting angle	Cutting area (Inch)
○	0 °	＜3.34”
□		＜3.34”
▭		＜3.34”x4”
○	45 °	＜2.75”
□		＜2.75”
▭		＜2.75”x2.75”

Clamping the material correctly in the vice



Note: If profile are made of a very thin material, insert another piece into the profile which matches the shape of the profile, thereby reducing the risk of distortion.

Maintenance and care

⚠ Danger!

Before performing any work on the power tool, pull out the mains plug.

Cleaning

⚠ Risk of injury

Never use compressed air to below swarf away.

1. Regularly clean the power tool
2. Regularly remove cut-offs and swarf from The cutting area.

Prolonged non-use

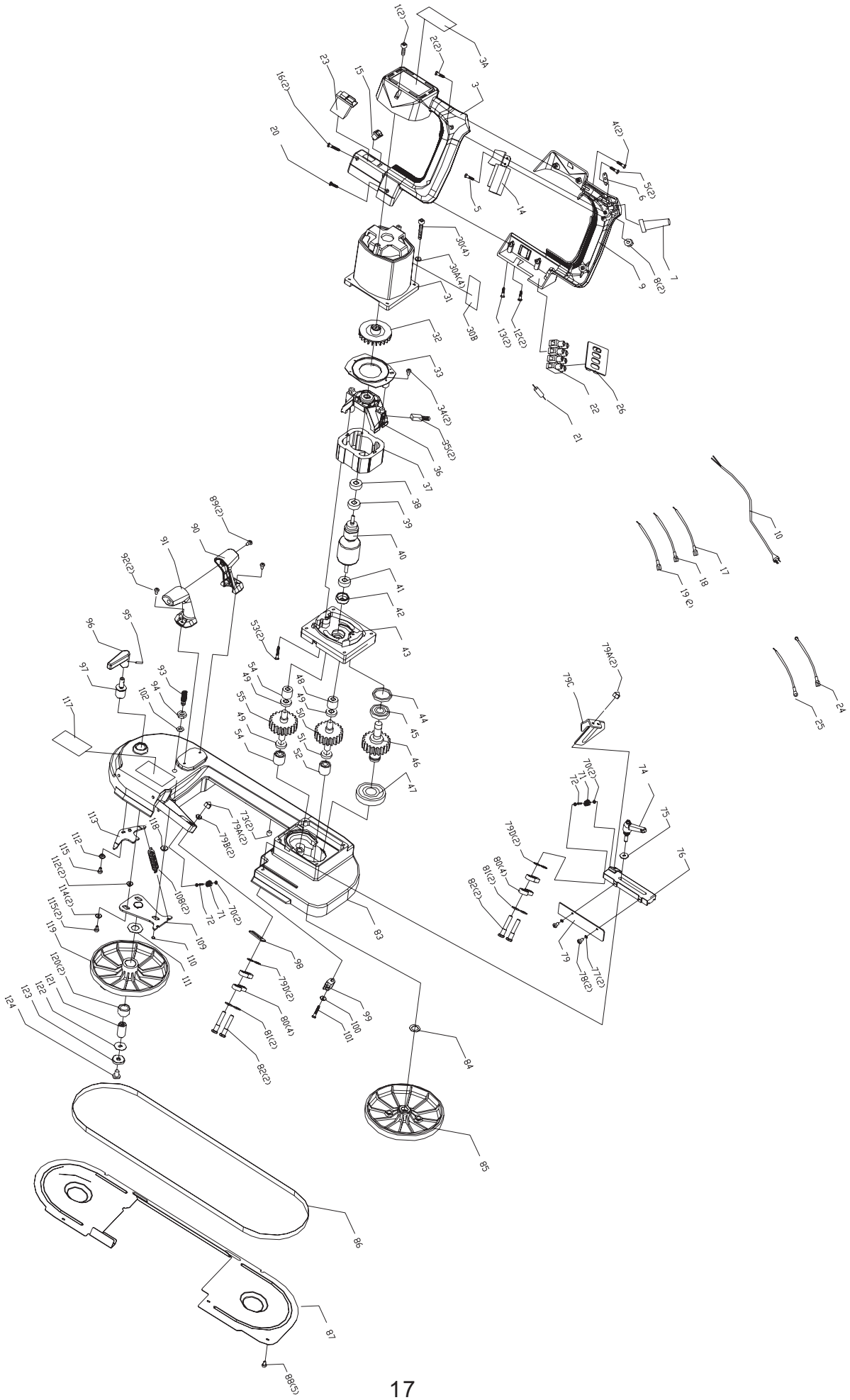
1. Clean the power tool;
2. Relieve the tension on the saw band;
3. Store the machine in a dry, well ventilated Room;

Repairs

Note: use only original parts supplied by the manufacturer for replacement purposes. If non-original parts are used, the guarantee obligation of the manufacturer will be deemed null and void.

Repairs such as replacing a damaged cord, may be carried out by ana authorised customer service center only

PARTS LIST


1(2)
2(2)
3A
3
23
15
16(2)
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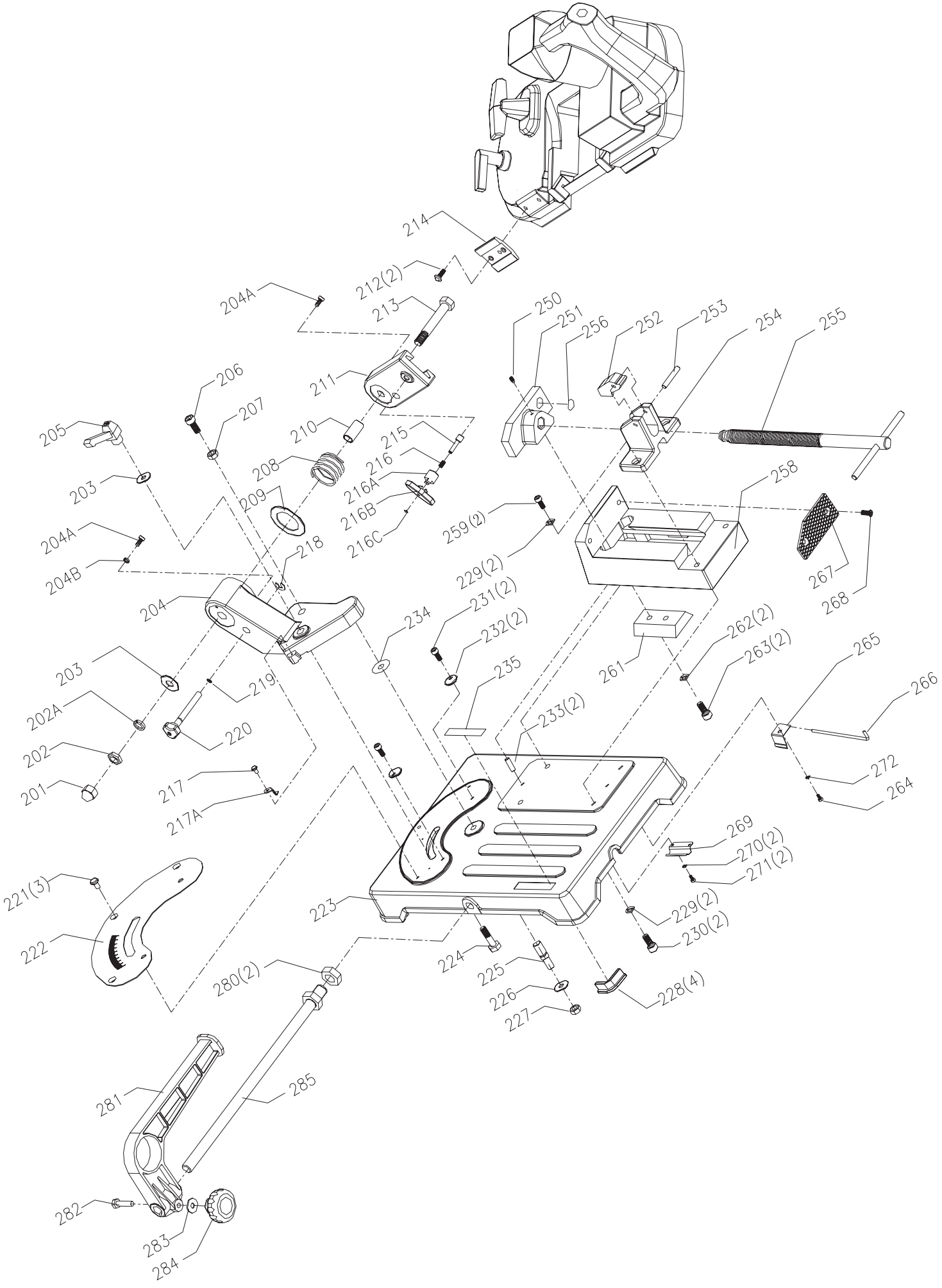
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KEY NO.	PART NO.	DESCRIPTION	QTY
1	SC80710	ST4.2X18 PAN HD SELF SCR	2
2	SC80711	M4X30 PAN HD SCREW	2
3	SC10569	LEFT HANDLE	1
3A	SC76057	CUTTING SPEC. LABEL	1
4	SC80712	ST4.2X12 PAN HD SELF SCR	2
5	SC80712	ST4.2X12 PAN HD SELF SCR	3
6	SC10570	CORD CLAMP PLATE	1
7	SC10571	GROMMET	1
8	SC81114	M4 HEX HD NUT	2
9	SC10572	RIGHT HANDLE	1
10	SC72046	POWER CORD	1
12	SC80712	ST4.2X12 PAN HD SELF SCR	2
13	SC80713	ST4.8X12 PAN HD SELF SCR	2
14	SC72047	TRIGGER SWITCH HY38C	1
15	SC72048	SWITCH HY17-XX	1
16	SC80714	ST4.2X25 PAN HD SELF SCR	2
17	SC72049	RED LEAD WIRE	1
18	SC72050	WHITE LEAD WIRE	1
19	SC72051	WHITE LEAD WIRE	2
20	SC80710	ST4.2X18 PAN HD SELF SCR	1
21	SC72052	DIODE	1
22	SC72053	TERMINAL BLOCK	1
23	SC72054	SWITCH KJD20-2	1
24	SC72055	WHITE LEAD WIRE	1
25	SC72056	WHITE LEAD WIRE	1
26	SC10573	TERMINAL BLOCK COVER	1
30	SC80715	M5X40 HEX SOC HD SCR	4
30A	SC82118	M5 FLAT WASHER	4
30B	SC76058	SPEC. LABEL	1
31	SC10574	MOTOR HOUSING	1
44	SC82707	WAVE WASHER 22x0.3	1
45	SC83008	BALL BEARING 627ZZ	1
46	SC10575	PRIMARI GEAR ASSY	1
47	OR94786	BALL BEARING 6202 ZZ	1
49	SC82119	COPPER SEALING WASHER	3
50	SC10577	STRAIGHT GEAR ASSEMBLY	1
51	SC82120	FLAT WASHER 11x8.2x0.5	1
52	SC83009	BEARINGS HK0810	1
54	SC83007	BEARINGS HK0609	1
55	SC10578	DRIVING GEAR ASSEMBLY	1
70	SC82121	φ8Xφ4.3X0.5FLAT WASHER	4
71	SC83010	BALL BEARING 624ZZ	2
72	SC10581	NEEDLE PIN 4X19.8	2
73	SC10582	NEEDLE D=10x10	2
74	SC10579	ADJUSTABLE HANDLE	1
75	SC82122	Φ6 FLAT WAHER (18X6.5X1.8)	1
76	SC10587	LOWER SLIDE GUIDE	1
77	OR90145	M5 LOCK WASHER	2
78	SC80716	M5X12HEX SOC PAN HD SCR	2
79	SC10588	SIDE SLIDING GURD	1
79A	SC81115	M6 ZINC PLATED DOME NUT	4
79B	OR90502	M6 LOCK WASHER	2
79C	SC10589	FRONT BLADE GUARD	1
79D	SC10590	SPACER	4
80	SC83011	BALL BEARING 607ZZ	8
81	SC82123	FLAT WASHER φ14Xφ7.5X1.5	4
82	SC10591	ECCENTRIC SCREW	4
83	SC10592	BAND SAW BASE	1
84	SC10593	WASHER 21.8X14.5X0.5	1
85	SC10594	DRIVEN WHEEL ASSY	1
86	SC10595	BIMETALLIC BLADE	1
87	SC10596	DOOR COVER	1
88	SC80718	M5X8 HEX SOC PAN HD SCR	5
89	SC80712	ST4.2X12 PAN HD TAP SCR	2
90	SC10597	RIGHT HANDLE	1
91	SC10598	LEFT HANDLE	1
92	SC80717	M5X16 PAN HD SELF TAP SCR	2
93	SC10599	M10X43ADJUST SCREW	1
94	SC81116	M10 THIN NUT	1
95	SC84304	3x16 SPRING PIN	1
96	SC10600	LOCK HANDLE	1
97	SC10601	ECCENTRIC ADJUSTABLE SHAFT	1
98	SC10602	BRACKET FOR BEARING	1
99	SC10603	BRUSH	1
100	OR90079	M4 FLAT WASHER	1
101	SC80719	M4x20 PAN HEAD SCR	1
102	SC82708	Φ10 WAVE SPRING WASHER	1
108	SC10604	SPRING	2
109	SC10580	BRACKET BASE ASSY	1
110	SC82709	$\oint 8$CIRCLIPS FOR SHAFT	1
111	SC10605	NYLON WASHER	1
112	SC10606	BUSH	2
113	SC10607	ADJUST PLATE	1
114	SC82124	$\oint 12*\oint 5.5*1$FLAT WASHER	2
115	SC80717	M5X16 PAN HD TAP SCR	3
116	SC10608	BUSH	1
117	SC76059	WARNING LABEL	1
118	OR90311	M8 FLAT WASHER	1

KEY NO.	PART NO.	DESCRIPTION	QTY
119	SC10609	DRIVEN WHEEL ASSY	1
120	SC83012	NEEDLE BEARING	2
121	SC10610	DRIVEN SHAFT	1
122	SC10611	NYLON WAHER	1
123	SC10612	BUSH	1
124	SC80720	M8X12 PAN HD SCR	1
201	SC81117	M10 DOME NUT	1
202	SC81116	M10 THIN FLAT WASHER	1
202A	OR90647	M10 LOCK WASHER	1
203	SC82125	φ10 FLAT WASHER	2
204	SC10613	ROTATING SUPPORT	1
204A	SC80326	M6X10 HEX SOC HD SCR	2
204B	OR90502	M6 LOCK WASHER	1
205	SC10614	ADJUSTABLE HANDLE ASSY	1
206	SC80327	M8X25 HEX SOC HD SCR	1
207	OR90307	M8 HEX NUT	1
208	SC10618	TRUNNION SPRING	1
209	SC82126	∮55x∮47x0.5 THICK WASHER	1
210	SC10619	∮14x∮10x18 SPACER	1
211	SC10620	ROTATING BRACKET	1
212	SC80326	M6X10 HEX SOC HD SCR	2
213	SC80328	M10x80 HEX HD SCR	1
214	SC10621	SUPPORT PLATE	1
215	SC10144	LOCATING PIN	1
216	SC10145	COMPRESS SPRING	1
216A	SC10147	ADJUSTABLE SCREW	1
216B	SC10622	LOCK HANDLE	1
216C	SC85304	∮4 "E" RING	1
217	SC80329	M4X6 ROUND HEAD SCR	1
217A	SC10623	POINT	1
218	SC85305	∮6 "E" RING	1
219	SC10624	" O "RING ¢5.15x1.8	1
220	SC10625	LOCK HANDLE	1
221	SC80721	M5X10 HEX SOCKET HD SCR	3
222	SC10626	SCALE	1
223	SC10627	BASE	1
224	SC80330	M10x45 HEX HD SCR	1
225	SC10628	PIVOT	1
226	OR90311	M8 FLAT WASHER	1
227	SC81118	M8 LOCK NUT	1
228	SC10629	BASE FOOT	4
229	OR90248	M8 LOCK WASHER	4
230	SC80331	M8x20 HEX SOC HD SCR	2
231	OR91758	M6x16 HEX SOC HD SCR	2
232	SC10630	ECCENTRIC ADJUSTMENT	2
233	SC84305	¢6x14 PIN	2
234	SC10631	FLAT WASHER φ30Xφ10.5X0.5	1
235	SC76060	LABEL	1
250	SC80334	M5X10 HEX SOC HD SCR	1
251	SC10632	SLIDE BLOCK	1
252	SC10633	SPEED NUT	1
253	SC84306	6x32 SPRING PIN	1
254	SC10634	BRACKET	1
255	SC10616	VICE SCREW ASS'Y	1
256	SC76061	LUBRICATE LABEL	1
258	SC10635	VICE BASE	1
259	SC80332	M8X35 HEX SOC HD SCR	2
261	SC10636	CLAMP BLOCK	1
262	OR90502	M6 LOCK WASHER	2
263	SC80333	M6X16 HEX SOC HD SCR	2
264	SC80718	M5x8 HEX PAN HEAD SCR	1
265	SC10637	WRENCH CLAMP	1
266	SC10615	T20 HEX WRENCH(100x23)	1
267	SC10638	VICE JAW	1
268	SC80722	M6X10 HEX SOC HEAD SCR	2
269	SC10639	STOP BAR CLAMP	1
270	OR90502	M6 LOCK WASHER	2
271	SC80335	M6X12 HEX HD SCREW	2
272	OR90145	M5 LOCK WASHER	1
280	SC81119	M14X1.5 HEX HALFMUT	2
281	SC10640	STOP BAR BREAKET	1
282	SC80336	M6X30 HEX HD SCR	1
283	OR90060	M6 FLAT WASHER	1
284	SC10641	KNOB	1
285	SC10642	BAR	1

∘ NOTES ∘

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